

**Municipality/Organization: Southampton**

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**EPA NPDES Permit Number: MAR041021**

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**MaDEP Transmittal Number: W-035569**

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**Annual Report Number**

**& Reporting Period:**

**No. 4: March 06-March 07**

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## **NPDES PII Small MS4 General Permit Annual Report**

### **Part I. General Information**

**Contact Person: Edward Cauley**

**Title: Highway Superintendent**

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**Telephone #: (413) 527-3666**

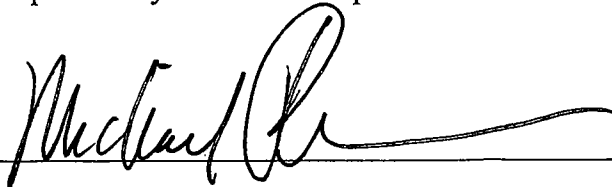
**Email:**

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#### **Certification:**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

**Signature:**



**Printed Name: Michael Phelan**

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**Title: Selectboard Chair**

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**Date:**

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## **Part II. Self-Assessment**

The Town of Southampton Stormwater Management Program has been in place since July 31, 2003. The Town has completed the required self-assessment and has determined that the municipality has addressed each of the six minimum control standards. The Town will focus on bylaw enactment and enforcement in Year 5. The bylaws developed to address the NPDES requirements are drafted and are anticipated to be voted on at the June 4, 2007 annual town meeting.

### **Acronyms Used in Following Pages**

BI = Building Inspector

BOH = Board of Health

BOS = Board of Selectmen

ConCom = Conservation Commission

HD = Highway Department

PB = Planning Board

PVPC = Pioneer Valley Planning Commission

WD = Water Department

### Part III. Summary of Minimum Control Measures

#### 1. Public Education and Outreach

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
1A	Classroom Education	HD/ WD/ School	Presentation on water cycle	Presentation not performed in Year 4 due to lack of DEP funding	DEP Water Cycle Skit to 5 <sup>th</sup> and 6 <sup>th</sup> graders planned for Year 5.
Revised					
1B	Educational Displays	HD	Post educational display	Displayed EPA's <i>Stormwater and the Construction Industry</i> poster in the School, Planning Board and ConCom meeting rooms and in Town Hall.	Post educational display
Revised					
1C	Newspaper Press Release	HD	Publish 2x per year in local newspaper	The HD issued press releases publicizing Household Hazardous Waste Day, encouraging residents to properly dispose of hazardous wastes. Posted flyers for Household Hazardous Waste Day in Southampton and Northampton.	Publish stormwater/ water quality info twice in the year.
Revised					
1D	Local Cable Access	HD	Post bulletins 2x per year on local cable	The HD ran advertisements encouraging residents to properly dispose of hazardous wastes by publicizing Household Hazardous Waste Days. Also advertised were drop off service for oil-based paints/stains at landfill and pick-up service for elderly.	Post bulletins on stormwater/ water quality info twice in the year.
Revised					
1E	Informational pamphlets/ notices	HD	Mail with drinking water quality report	Water conservation and recycling tips distributed with Drinking Water Quality Report.	Mail stormwater/ water quality info with Drinking Water Quality Report.
Revised					
1F	Informational Gadgets	HD	Distribute magnets	HD distributed magnets with recycling information at town transfer station.	Continue to distribute magnets with recycling information at town transfer station.
Revised			Distribute Water Quality Flyers on recycling and the water cycle	Also distributed recycling bins, compost bins, and leaf bags. Printed HD contact information on Town trash bags.	

1G	Environmental Grants	BOH/HD/ ConCom	Give out grants to students based on environmentalism	The town gave out \$500 environmental grants under the Richard Allen Scholarship program to 9 high school seniors for environment-related community services and essays.	Give out up to \$10,000 in grants to students for environmental volunteerism/essays.
Revised					

### 1a. Additions

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## 2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
2A	Adopt-a-Road/ Adopt-a-Stream	HD/Boy Scouts/ School	Support interested groups by providing tools and trash disposal	The HD supported Hampshire Regional High School students and Boy Scouts in local clean-up of roadways and resources areas and William E. Norris Elementary School students and Cub Scouts in cleanup of parks and around Town buildings.	Continue to support interested groups by providing tools and disposing of trash bagged by participants. In Town will continue to assist Cub Scouts, Boy Scouts and local students in cleaning up areas around Town parks.
Revised			In 2005, Southampton was named a “Tree-City USA”		
2B	Community Hotline	HD	Publicize number	Number publicized through magnets given away at transfer station, Household Hazardous Waste day press and on Town trash bags and on Town website.	Continue to publicize number.
Revised					
2C	Storm Drain Stenciling	HD	Work with volunteers to stencil 50 catch basins per year	Continued to look for volunteers to stencil catch basins in Year 5. Researched options for stencils.	Work with volunteers to stencil 50 catch basins per year.
Revised					
2D	Watershed Committee	ConCom	Work with Hampden Ponds Association and Barnes Aquifer Protection Advisory	ConCom representative attended Hampden Ponds Association meetings. HD/BOH representative attended Barnes Aquifer Protection Advisory Committee (BAPAC) meetings.	Continue to attend Hampden Ponds Association and BAPAC meetings.
Revised					

## 2a. Additions

2E	Community Service	HD/ School	Support community service requirements by offering volunteer opportunities.	The HD supported students for Hampshire Regional High School community service requirements by offering volunteer opportunities at the landfill, at Household Hazardous Waste Collection Day, and to cleanup Town properties.	Continue to offer volunteer opportunities to High School students.
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## 3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
3A Revised	Mapping Stormwater Outfalls	HD	Field inspect 25% of outfalls.	The HD identified approximate locations of storm drain outfalls to wetlands, waterways and waterbodies within the urbanized areas of the Town. Field inspected each outfall.	Field inspect 100% of outfalls in urbanized areas. GPS location of outfalls in urbanized areas planned for Spring 2007.
3B Revised	Develop Illicit Discharge Program	HD	Evaluate existing procedures	Inspections performed during catch basin cleaning; evidence of illicit discharge reported to BI, BOH. One illicit connection was identified and disconnected.	Prepare new procedures/ plan as necessary.
3C Revised	Non-Stormwater By-Law	HD	Proposed for adoption – Year 3 Propose for adoption – Year 4	Town with the assistance of PVPC has prepared a draft by-law. By-law was on June 3, 2006 Town Meeting Warrant but was tabled.	Propose to Town Meeting for adoption. By-law is expected to be voted on at June 4, 2007 Town Meeting.
3D Revised	Illegal Dumping	HD	Maintain signage in sensitive areas. Perform regular patrols/cleanup	The HD continued to maintain signage in water supply areas and pick up illegal dumping throughout the Town. BOH and Police are notified as necessary and prosecute as necessary.	Continue to maintain signage and perform regular patrols/cleanup.
3E Revised	Failing Septic Systems	BOH/HD	Keep records of failing septic systems.	The BOH continued to permit septic system cleaning companies in Southampton and maintain records of septic systems cleaned throughout the year.	Continue to keep records of maintained septic systems (BOH). HD to inform BOH if any identified failing septic systems.

Revised					

### 3a. Additions


### 4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
4A	Construction Runoff By-law	HD/PB/ConCom	Proposed for adoption – Year 3	Town with the assistance of PVPC has prepared a draft by-law. By-law was on June 3, 2006 Town Meeting Warrant but was tabled.	Propose to Town Meeting for adoption. By-law is expected to be voted on at June 4, 2007 Town Meeting.
Revised			Propose for adoption – Year 4		
4B	Plan Review	PB/ ConCom/ HD/BOH/BI	Enforcement under by-law	Continued plan review per existing regulations. By-law enforcement proposed Years 5.	Continue plan review per existing regulations. By-law enforcement proposed Years 5.
Revised					
4C	Inspection / Reporting	HD/PB/BI	Enforcement under by-law	Continued inspection / reporting under existing regulations. By-law enforcement proposed Years 5.	Continued inspection / reporting under existing regulations. By-law enforcement proposed Years 5.
Revised					
Revised					

### 4a. Additions


## 5. Post-Construction Stormwater Management in New Development and Redevelopment

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
5A	Post Construction Runoff By-law	HD/PB/ConCom	Proposed for adoption – Year 3	Town with the assistance of PVPC has prepared a draft by-law. By-law was on June 3, 2006 Town Meeting Warrant but was tabled.	Propose to Town Meeting for adoption. By-law is expected to be voted on at June 4, 2007 Town Meeting.
Revised			Propose for adoption – Year 4		
5B	Construction Site Plan Review	HD/PB/ConCom/BOH/BI	Enforcement under by-law	Continued plan review per existing regulations. By-law enforcement proposed Years 5.	Continue plan review per existing regulations. By-law enforcement proposed Years 5.
Revised					
5C	Stormwater System Maintenance Plan	HD/PB/ConCom	Enforcement under by-law	Continued inspection / reporting under existing regulations. By-law enforcement proposed Years 5.	Continued inspection / reporting under existing regulations. By-law enforcement proposed Years 5.
Revised					
Revised					
Revised					
Revised					

### 5a. Additions


## 6. Pollution Prevention and Good Housekeeping in Municipal Operations

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
6A	Municipal Maintenance Activity Program	HD	Evaluate and draft additional policies	Good Housekeeping Best Management Practices Manual drafted in March 2005.	Draft new policies/revise manual as necessary.
Revised					
6B	Training of all municipal employees	HD	Initial good housekeeping training	Good housekeeping practices are discussed with employees at the onset of tasks. Good Housekeeping training session attended by DPW staff on March 26, 2007.	Conduct good housekeeping training.
Revised					
6C	Catch Basin Cleaning Program	HD	Clean 100% of catch basins in urbanized area annually	The HD cleaned 100% of the catch basins within the urbanized areas twice in 2006.	Clean 100% of catch basins in urbanized area.
Revised					
6D	Street Sweeping & Cleaning	HD	Sweep 100% of streets in urbanized area 2x per year	100% of town streets within urbanized area were swept three times in 2006. The streets were swept in both the spring and the fall.	Sweep 100% of streets in urbanized area twice.
Revised					
6E	Used Oil Recycling	HD	Ongoing collection and recycling	The HD collects used oil from residents at the transfer station. The service was available to residents 30 hours per week.	Continue to provide facility of used oil collection and recycle.
Revised					
6F	Hazardous Waste Collection	HD	Hold collection event annually	In 2006, Southampton residents had three opportunities to properly dispose of household hazardous wastes. Three collection days open to Southampton residents were held in Northampton. Townspeople were encouraged to properly dispose of their household hazardous wastes.	Continue to hold collection event annually. A household hazardous collection day is planned for September 2007.
Revised					

### 6a. Additions

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## 7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA) <<if applicable>>

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
7A	TMDL	Various	Performance of previously identified BMPs.	The BMPs described in the above tasks will also address TMDL issues in Pequot Pond.	The BMPs described in the above tasks will also address TMDL issues in Pequot Pond.
Revised					
Revised					

### 7a. Additions


### 7b. WLA Assessment

To date, TMDLs have not been developed for Pequot Pond. BMPs proposed in previous Minimum Control Measures will address impairment of Pequot Pond.

## Part IV. Summary of Information Collected and Analyzed

Communication among various Town departments and boards has been strengthened in order to meet the various BMP requirements. One illicit discharge was identified and disconnected. Camp John Associates collects *E. coli* samples from a private beach area on Pequot Pond and provides the BOH with the results. In Year 4, weekly sampling was conducted from June through September.